

MOBILE TEST PROGRAM



INTRODUCTION

Testing is a critical component involved in the research and development of new environmental technologies. Nol-Tec's mobile test program and in-house test lab offer a variety of resources to identify, investigate, and solve a range of environmental problems related to flue gas dynamics, bulk material handling, and ash resistivity.

OUR SOLUTION

Proof of Concept

- Produces evidence and data needed to justify capital improvement plans meant to improve your bottom line.
- Onsite engineers help run concept tests smoothly and collect non-bias data with vendors.

Immediate Compliance Options

- Achieve compliance due to environmental regulation changes or unexpected events with the help of our functional mobile fleet.



SIMULATING A STANDARD DRY SORBENT INJECTION (DSI) SYSTEM, OUR MOBILE FLEET CAN BE RENTED OR PURCHASED IN LIEU OF A PERMANENT INSTALLATION AT YOUR FACILITY



TRUSTED TO DELIVER™

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KEY BENEFITS

Mobile Fleet Program

- We offer a completely serviceable, dry sorbent injection (DSI) system that can temporarily test new sorbents, new injection locations, or achieve compliance in an unplanned event.

Sorb-Tec®

- Sorb-Tec® is a patented lance-less injector technology that serves as a comparable replacement for traditional injection lances making it easy to test without disrupting plant operations. After testing Sorb-Tec®, you will receive a comprehensive report showing the impact it has on your sorbent usage.

Computational Fluid Dynamics (CFD) Modeling

- Process improvement and optimization can be achieved with our CFD resources, allowing simulation of in-duct flue gas dynamics and their impact on environmental solution systems.
- We achieve temperature and flow stratification and/or improve sorbent injection systems via a proprietary chemistry prediction software, then model it with a focus on process improvement and optimization.

Pilot Test Lab

- Our in-house, pilot scale equipment has been used to solve bulk material handling issues for nearly four decades. We combine our knowledge and experience to solve your challenges related to dust control, product blending and mixing, silo discharging, and ash/sorbent conveying issues within environmental solutions.

Ash Resistivity

- Nol-Tec's ash resistivity lab is operated in accordance with the Standard Criteria for the Laboratory Measurement of Fly Ash Resistivity and is used to measure impacts of ash resistivity on ESP performance.



ABOUT NOL-TEC

Nol-Tec is recognized as a global leader in the design and manufacture of pneumatic conveying equipment for processing dry bulk materials. We have experience handling hundreds of different products from a wide range of industries enabling us to deliver reliable and cost-effective bulk material handling solutions.

Our in-house test lab provides clients with the confidence they need to make informed decisions about their new system design, upgrade, or retrofit. For nearly four decades we have partnered with clients to bring state-of-the-art products to the marketplace. We are committed to helping you keep your business moving.

